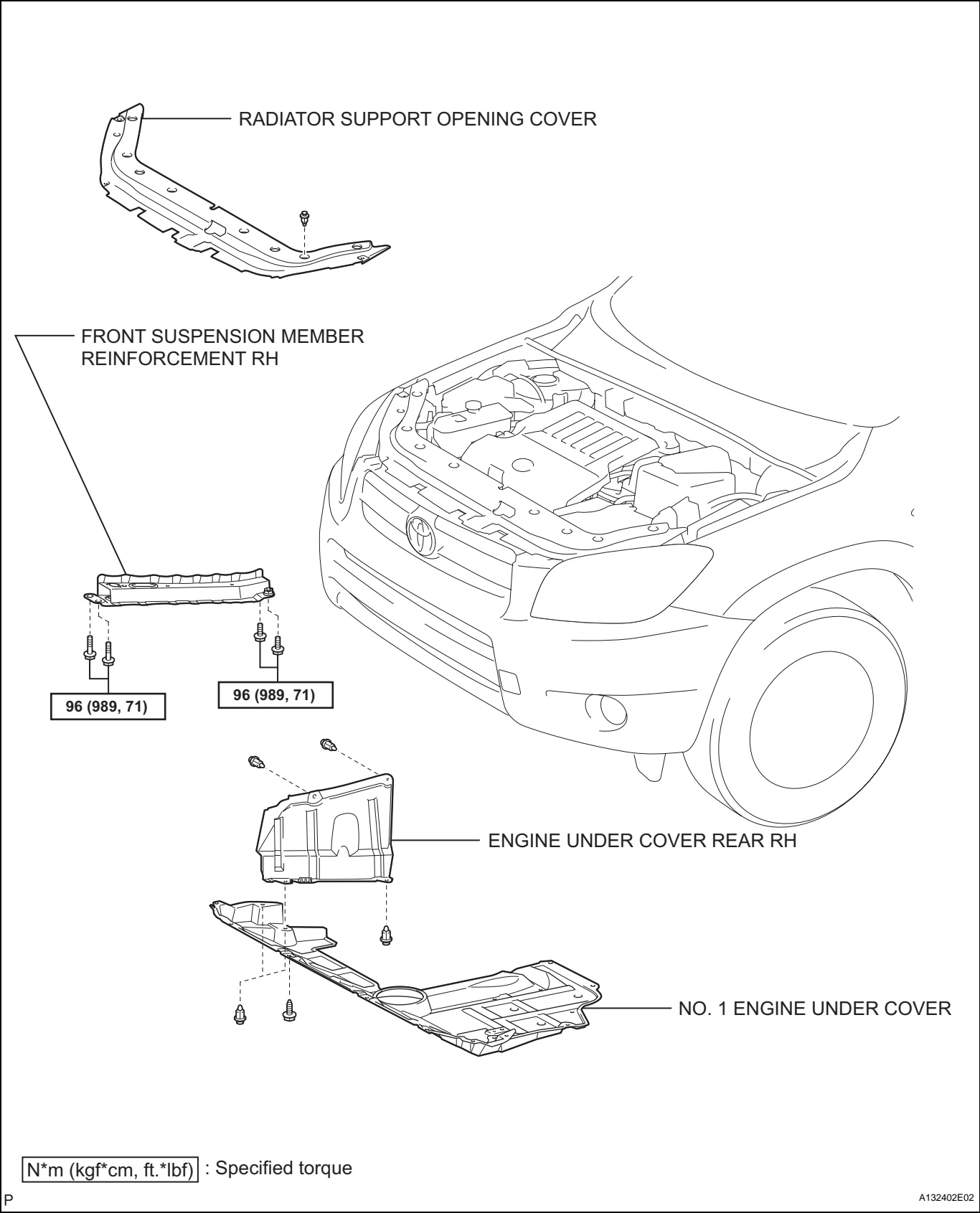
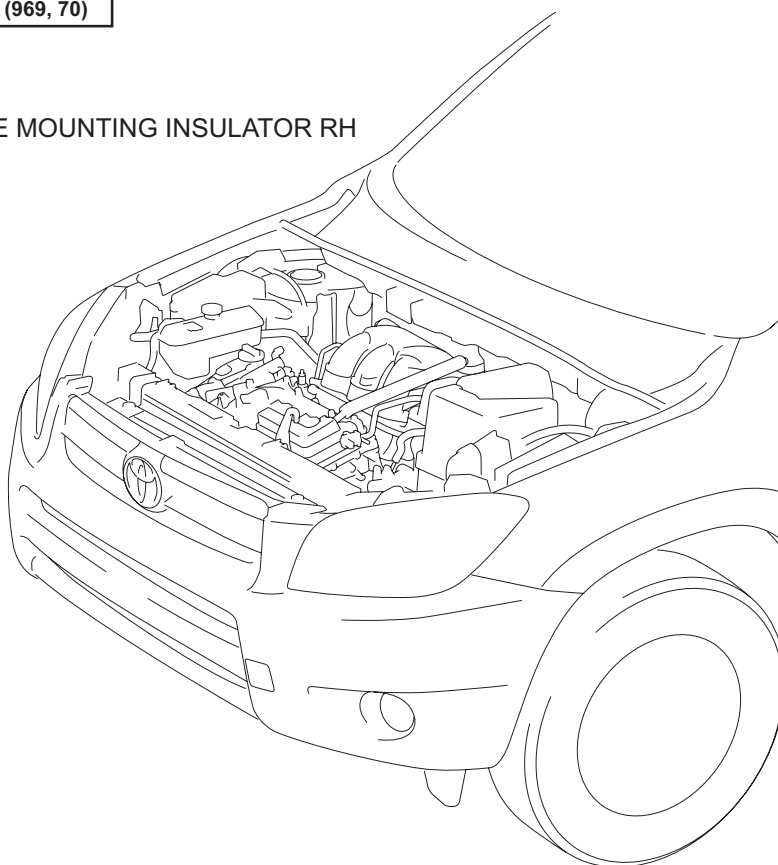
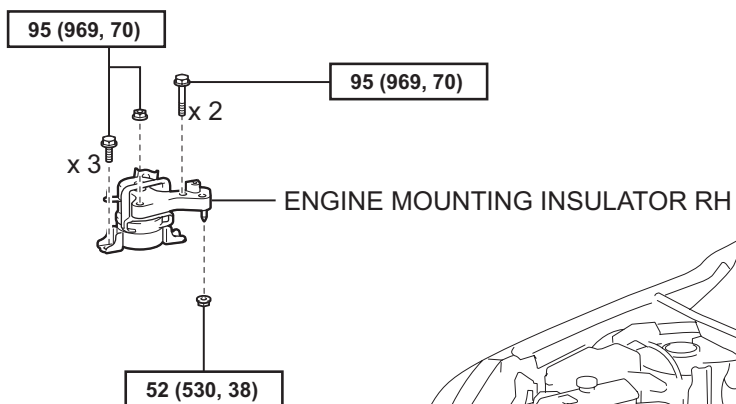
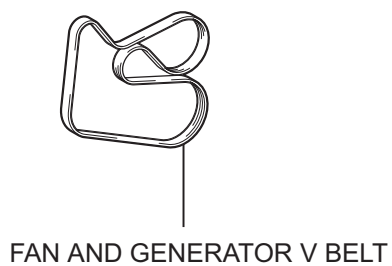
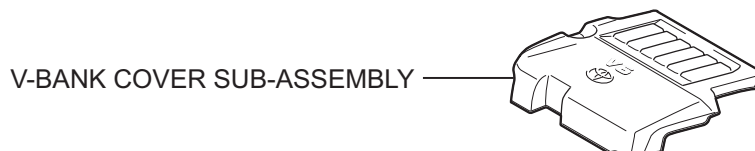
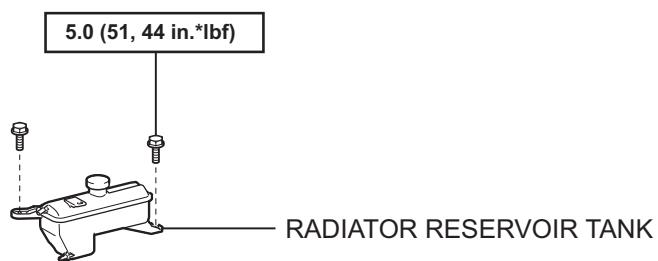


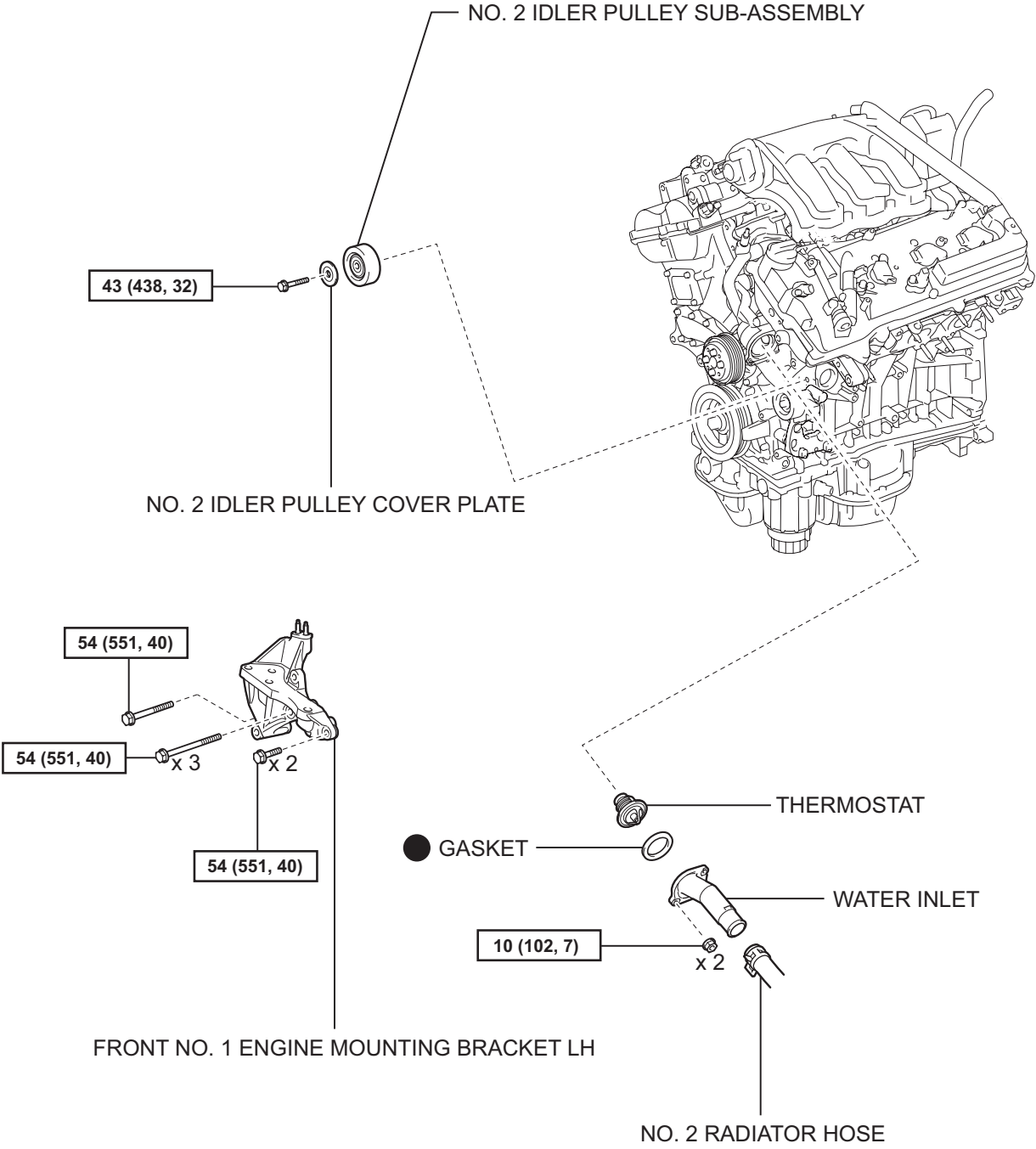
# THERMOSTAT

## COMPONENTS





N\*m (kgf\*cm, ft.\*lbf) : Specified torque

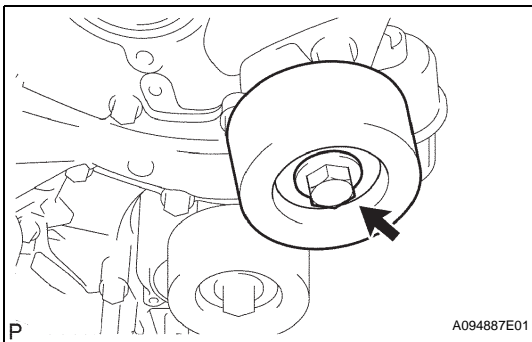
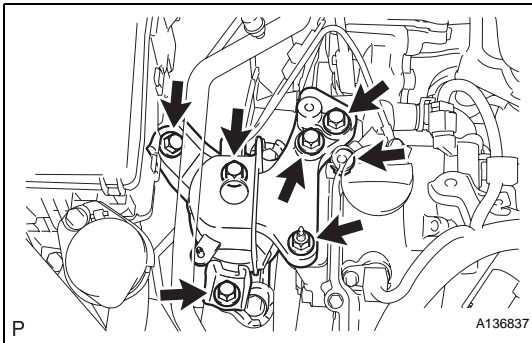
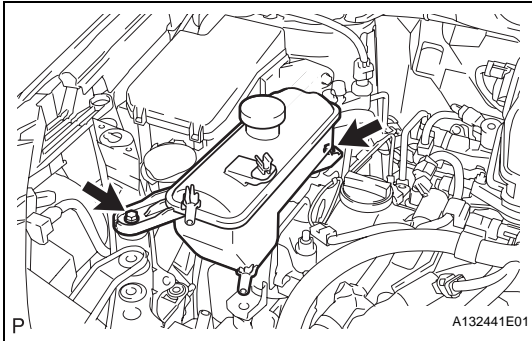


$\boxed{\text{N*m (kgf*cm, ft.*lbf)}}$  : Specified torque

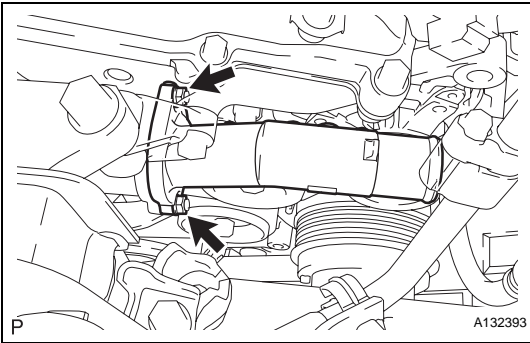
● Non-reusable part

## REMOVAL

1. REMOVE FRONT WHEEL RH
2. REMOVE NO. 1 ENGINE UNDER COVER (See page [EM-21](#))
3. REMOVE ENGINE UNDER COVER REAR RH (See page [EM-21](#))
4. REMOVE FRONT SUSPENSION MEMBER REINFORCEMENT RH (See page [EM-7](#))
5. DRAIN ENGINE COOLANT (See page [CO-8](#))
6. REMOVE V-BANK COVER SUB-ASSEMBLY (See page [EM-21](#))
7. REMOVE RADIATOR SUPPORT OPENING COVER (See page [EM-22](#))
8. REMOVE RADIATOR RESERVOIR TANK
  - (a) Remove the 2 bolts and radiator reservoir.
9. REMOVE FAN AND GENERATOR V BELT (See page [EM-8](#))



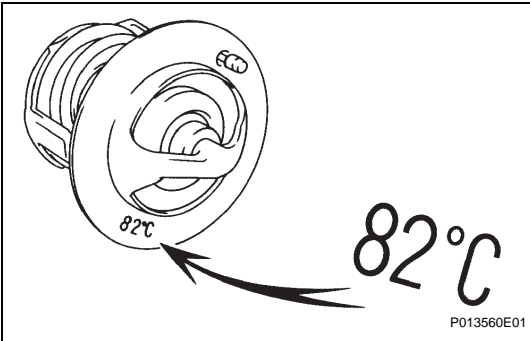
10. REMOVE ENGINE MOUNTING INSULATOR RH
  - (a) Remove the 5 bolts, 2 nuts and engine mounting insulator RH.
11. REMOVE FRONT NO. 1 ENGINE MOUNTING BRACKET LH (See page [CO-12](#))
12. REMOVE NO. 2 IDLER PULLEY SUB-ASSEMBLY
  - (a) Remove the bolt, No. 2 idler pulley cover plate and No. 2 idler pulley.
13. DISCONNECT NO. 2 RADIATOR HOSE



#### 14. REMOVE WATER INLET

- (a) Remove the 2 nuts and remove the water inlet from the water inlet housing.

#### 15. REMOVE THERMOSTAT

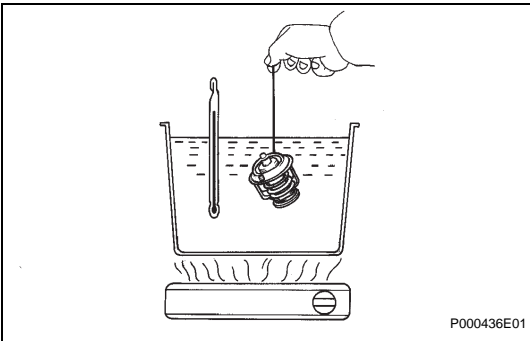


### INSPECTION

#### 1. INSPECT THERMOSTAT

##### HINT:

The valve opening temperature is inscribed on the thermostat.

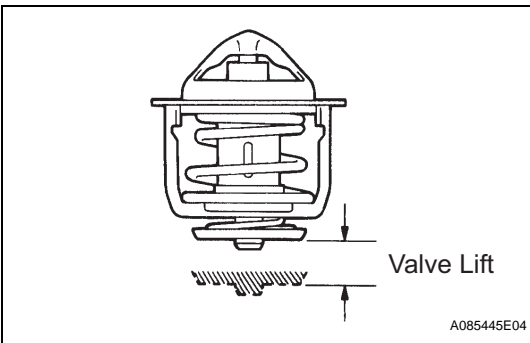


- (a) Immerse the thermostat in water, and then gradually heat the water.  
 (b) Check the valve opening temperature of the thermostat.

##### Standard valve opening temperature:

**80 to 84°C (176 to 183°F)**

If the valve opening temperature is not as specified, replace the thermostat.



- (c) Check the valve lift.

##### Standard valve lift:

**10 mm (0.39 in.) or more at 95°C (203°F)**

If the valve lift is not as specified, replace the thermostat.

- (d) Check that the valve is fully closed when the thermostat is at low temperatures (below 77°C (171°F)).

If not fully closed, replace the thermostat.

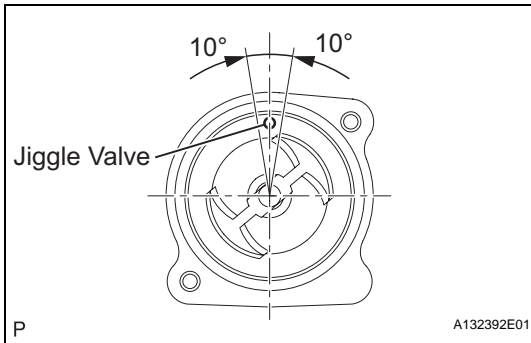
## INSTALLATION

### 1. INSTALL THERMOSTAT

- Install a new gasket to the thermostat.
- Install the thermostat with the jiggle valve facing upward.

HINT:

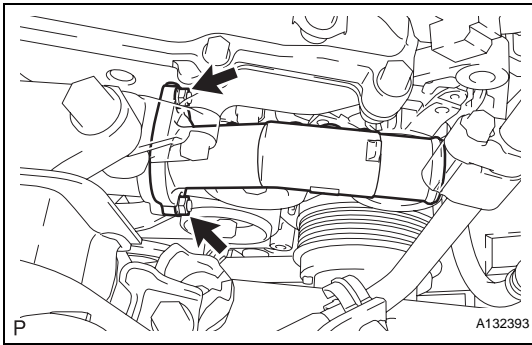
The jiggle valve can be set to within 10° of either side of the upward position.



### 2. INSTALL WATER INLET

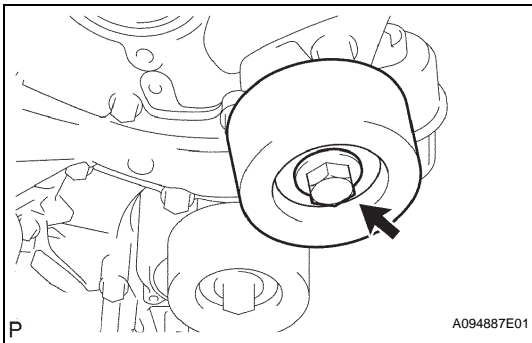
- Install the water inlet with the 2 nuts.  
Torque: 10 N\*m (102 kgf\*cm, 7 ft.\*lbf)

### 3. CONNECT NO. 2 RADIATOR HOSE



### 4. INSTALL NO. 2 IDLER PULLEY SUB-ASSEMBLY

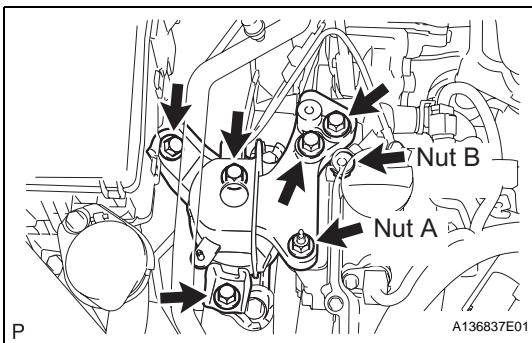
- Install the No. 2 idler pulley cover plate and No. 2 idler pulley with the bolt.  
Torque: 43 N\*m (438 kgf\*cm, 32 ft.\*lbf)



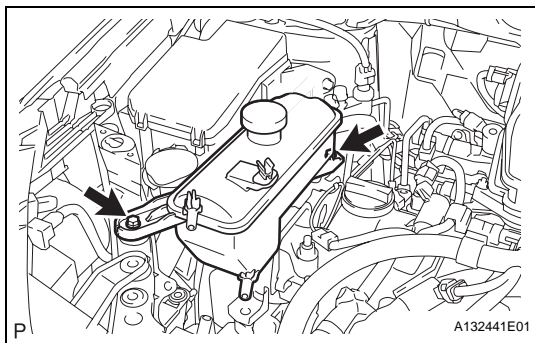
### 5. INSTALL FRONT NO. 1 ENGINE MOUNTING BRACKET LH (See page [CO-15](#))

### 6. INSTALL ENGINE MOUNTING INSULATOR RH

- Install the engine mounting insulator RH with the 2 nuts and 5 bolts.  
Torque: 95 N\*m (969 kgf\*cm, 70 ft.\*lbf) for bolt  
95 N\*m (969 kgf\*cm, 70 ft.\*lbf) for nut A  
52 N\*m (530 kgf\*cm, 38 ft.\*lbf) for nut B



### 7. INSTALL FAN AND GENERATOR V BELT (See page [EM-8](#))



8. **INSTALL RADIATOR RESERVOIR TANK**  
(a) Install the radiator reservoir with the 2 bolts.  
Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)
9. **INSTALL RADIATOR SUPPORT OPENING COVER**  
(See page [EM-42](#))
10. **INSTALL V-BANK COVER SUB-ASSEMBLY** (See page [EM-42](#))
11. **ADD ENGINE COOLANT** (See page [CO-8](#))
12. **CHECK FOR ENGINE COOLANT LEAKAGE** (See page [CO-1](#))
13. **INSTALL FRONT SUSPENSION MEMBER REINFORCEMENT RH** (See page [EM-9](#))
14. **INSTALL ENGINE UNDER COVER REAR RH** (See page [EM-41](#))
15. **INSTALL NO. 1 ENGINE UNDER COVER** (See page [EM-41](#))
16. **INSTALL FRONT WHEEL RH**